

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

RECEIVED

MAR 24 2017

DEQ - BSRD

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2/25/16 between Janet R. Clemmer, referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
39-A-72D			
<u>39-A-121A</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Janet R. Clemmer

Landowner - Printed Name, Title

Signature

76 Pleasant Valley Rd, Raphine, VA 24472

Mailing Address

**Permittee:**

Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with [§10.1-104.2 of the Code of Virginia](#).

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Timothy J. Grove

Permittee - Authorized Representative  
Printed Name

Signature

97 Railside Drive, Weyers Cave, VA 24486

Mailing Address

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

**Permittee:** Houff's Feed & Fertilizer

**County or City:** Rockbridge

**Landowner:** Janet R. Clemmer

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Janet R. Clemmer  
Landowner's Signature

2/25/16  
Date

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

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DEQ - BRRO

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 2/24/16 between James R. Clemmer, referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
39-A-72D			
<u>39-A-121A</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

James R. Clemmer  
Landowner - Printed Name, Title

James R. Clemmer  
Signature

76 Pleasant Valley Rd. Raphine, VA 24472  
Mailing Address

**Permittee:**

Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Timothy J. Grove  
Permittee - Authorized Representative  
Printed Name

Timothy J. Grove  
Signature

97 Railside Drive, Weyers Cave, VA 24486  
Mailing Address

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

**Permittee:** Houff's Feed & Fertilizer

**County or City:** Rockbridge

**Landowner:** James R. Clemmer

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

James R. Clemmer  
Landowner's Signature

2-24-2016  
Date





Disclaimer: The information contained on this page is NOT to be construed or used as a survey or legal description. Map information is believed to be accurate but accuracy is not guaranteed.

Approx. Scale 1:4815

0 401 ft 802 ft

### Layer: Parcels

<b>Parcel ID:</b>	39-A-121A	<b>Improvements:</b>	71000
<b>INITIAL:</b>	HTL	<b>Land Value:</b>	52500
<b>MRECNO:</b>	19574	<b>Total Value:</b>	123500
<b>Owner:</b>	CLEMMER JAMES R & JANET R	<b>16 Digit ID:</b>	0390000A0000121A
<b>Address 2:</b>	76 PLEASANT VALLEY RD	<b>Shape_Leng:</b>	1721.2064319
<b>City:</b>	RAPHINE	<b>MINNO_:</b>	1772
<b>State:</b>	VA	<b>MINNO2:</b>	16
<b>Zip Code:</b>	24472	<b>Instrument Number:</b>	160001772
<b>Acres:</b>	4	<b>Shape.STArea():</b>	174510.34765625
<b>Description:</b>	GREENE 719	<b>Shape.STLength():</b>	1721.2064319021
<b>Occupancy:</b>	10		

Attributes at point: 11264127, 3852519

#### Layer: Magisterial Districts

District: South River

Precinct: Fairfield

Polling Place: South River Fire Dept.

#### Layer: Zoning

Zoning: A-2

ACRES: 195739.776

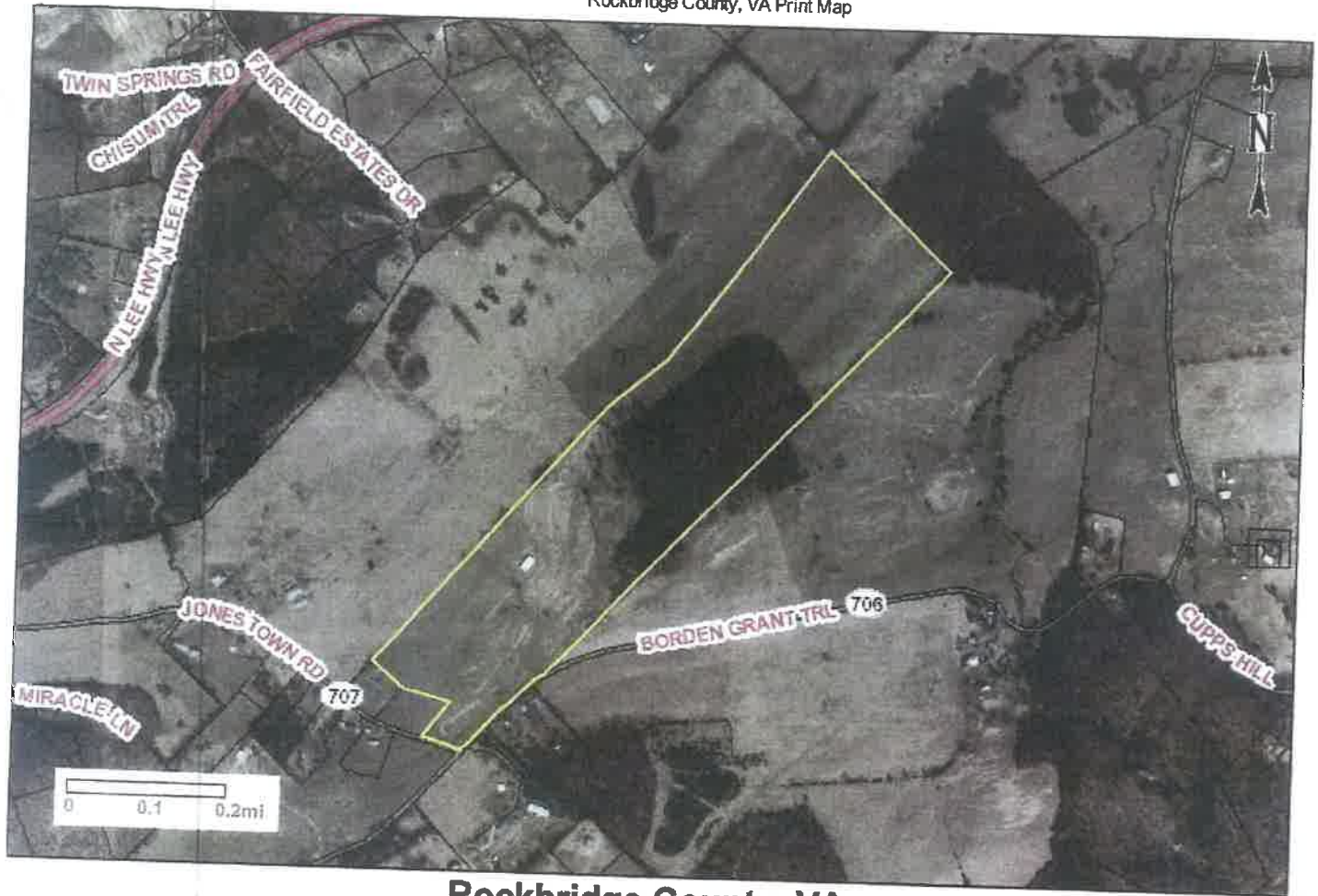
Notes:

#### Layer: USDA Watersheds

Watershed: South River

Stream: Upper South River

10-11



## Rockbridge County, VA

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### CLEMMER Tax Map Parcels

Parcel ID: 39-A-72D

Owner: CLEMMER JAMES R AND JANET R

Address 1: 76 PLEASANT VALLEY RD

City: RAPHAINE

State: VA

Zip Code: 24472

Acres: 107

Description: BROWN 707

Occupancy: 15

Improvements: 95100

Land Value: 349500

Total Value: 444600

Deed Book: 586

Deed Page: 304

Will Page: 0

16 Digit ID: 0390000A0000072D

Instrument Number: 000000000

MRECNO: 16649

Attributes at point: N: 3849052, E: 11267289

#### Magisterial Districts

District: South River

Precinct: Fairfield

Polling Place: South River Fire Dept.

#### Zoning

Zoning: A-2

#### USDA Watersheds

Watershed: South River

Stream: Upper South River

<http://www.webgis.net> Anderson & Associates, Inc. <http://www.andassoc.com>

22A, 22B, 23, 24, 25, 26, 27, 28

## Landowner Coordination Form

Permittee: Houff's Feed & Fertilizer

County or City: Rockbridge

(Signatures not required on this page)

[illegible]

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 2/24/16 between The Greene Farm, LLC, referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
39-A-121			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The Greene Farm, LLC  
Landowner - Printed Name, Title

[Signature]  
Signature

123 Foxwood Lane, Mt. Sidney, VA 24467  
Mailing Address

**Permittee:**

Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with [§10.1-104.2 of the Code of Virginia](#).

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Timothy J. Grove  
Permittee - Authorized Representative  
Printed Name

[Signature]  
Signature

97 Railside Drive, Weyers Cave, VA 24486  
Mailing Address



**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

**Permittee:** Houff's Feed & Fertilizer

**County or City:** Rockbridge

**Landowner:** The Greene Farm LLC

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

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2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
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Landowner's Signature

  
Date



## Rockbridge County, VA

**Disclaimer:** The information contained on this page is NOT to be construed or used as a survey or 'legal description'. Map information is believed to be accurate but accuracy is not guaranteed.

### CLEMMER Tax Map Parcels

**Parcel ID:** 39-A-121

**Owner:** THE GREENE FARM LLC

**Address 2:** 123 FOXWOOD LANE

**City:** MT SIDNEY

**State:** VA

**Zip Code:** 24467

**Acres:** 208.1000061

**Description:** GREENE 719

**Occupancy:** 10

**Improvements:** 130900

**Land Value:** 283600

**Total Value:** 414500

**Deed Page:** 0

**Will Page:** 0

**16 Digit ID:** 0390000A00001210

**Instrument Number:** 090001572

**MRECNO:** 3305

**Attributes at point:** N: 3853296, E: 11263913

#### Magisterial Districts

**District:** South River

**Precinct:** Fairfield

**Polling Place:** South River Fire Dept.

#### Zoning

**Zoning:** A-2

#### USDA Watersheds

**Watershed:** South River

**Stream:** Upper South River

<http://www.webgis.net> Anderson & Associates, Inc. <http://www.andasscc.com>

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, B, 14, 15, 16A, 16B, 17A, 17B  
PARTIAL 18A, 18B

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 2/25/16 between Koogler-Southington Associates II, referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

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<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
40-A-12			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Koogler-Southington Associates II

Landowner - Printed Name, Title

Signature

31 Highland Hill Lane, Suite 101, Stuarts Draft, VA 24477

Mailing Address

**Permittee:**

Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with [§10.1-104.2 of the Code of Virginia](#).

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Timothy J. Grove

Permittee - Authorized Representative  
Printed Name

Signature

97 Rainside Drive, Weyers Cave, VA 24486

Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Houff's Feed & Fertilizer

County or City: Rockbridge

Landowner: Koogler-Southington Associates II

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

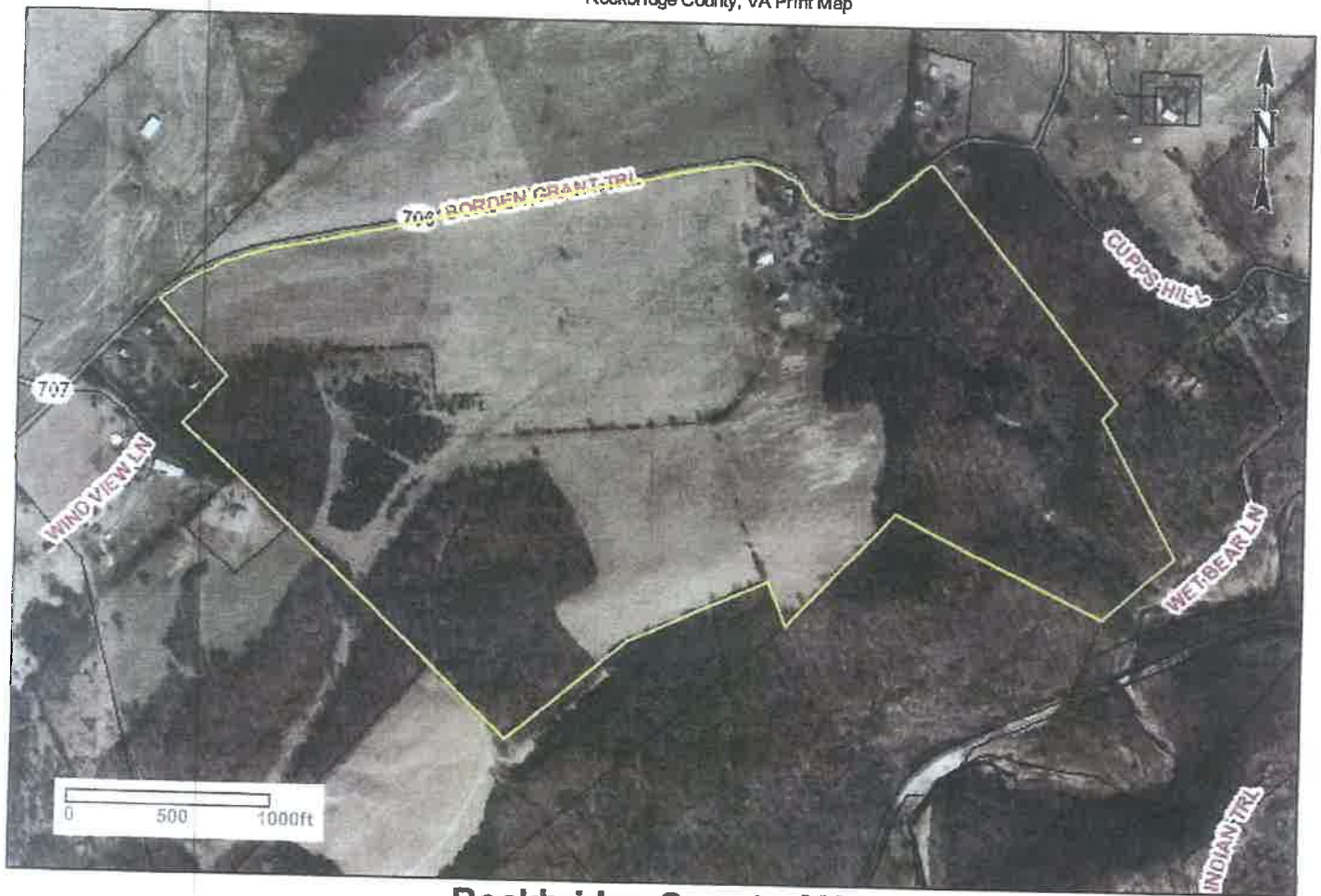
Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

  
Landowner's Signature

2/25/16  
Date





## Rockbridge County, VA

**Disclaimer:** The information contained on this page is NOT to be construed or used as a survey or 'legal description'. Map information is believed to be accurate but accuracy is not guaranteed.

### CLEMMER Tax Map Parcels

**Parcel ID:** 40-A-12

**Owner:** KOOGLER-SOUTHERINGTON ASSOC II

**Address 2:** 31 HIGHLAND HILL LN SUITE 101

**City:** STUARTS DRAFT

**State:** VA

**Zip Code:** 24477

**Acres:** 377.8999939

**Description:** WILSON 706

**Occupancy:** 10

**Improvements:** 209200

**Land Value:** 955900

**Total Value:** 1165100

**Deed Book:** 0420

**Deed Page:** 125

**Will Page:** 0

**16 Digit ID:** 0400000A00000120

**Instrument Number:** 000000000

**MRECNO:** 3483

**Attributes at point:** N: 3846734, E: 11268989

#### Magisterial Districts

**District:** South River

**Precinct:** Fairfield

**Polling Place:** South River Fire Dept.

#### Zoning

**Zoning:** A-2

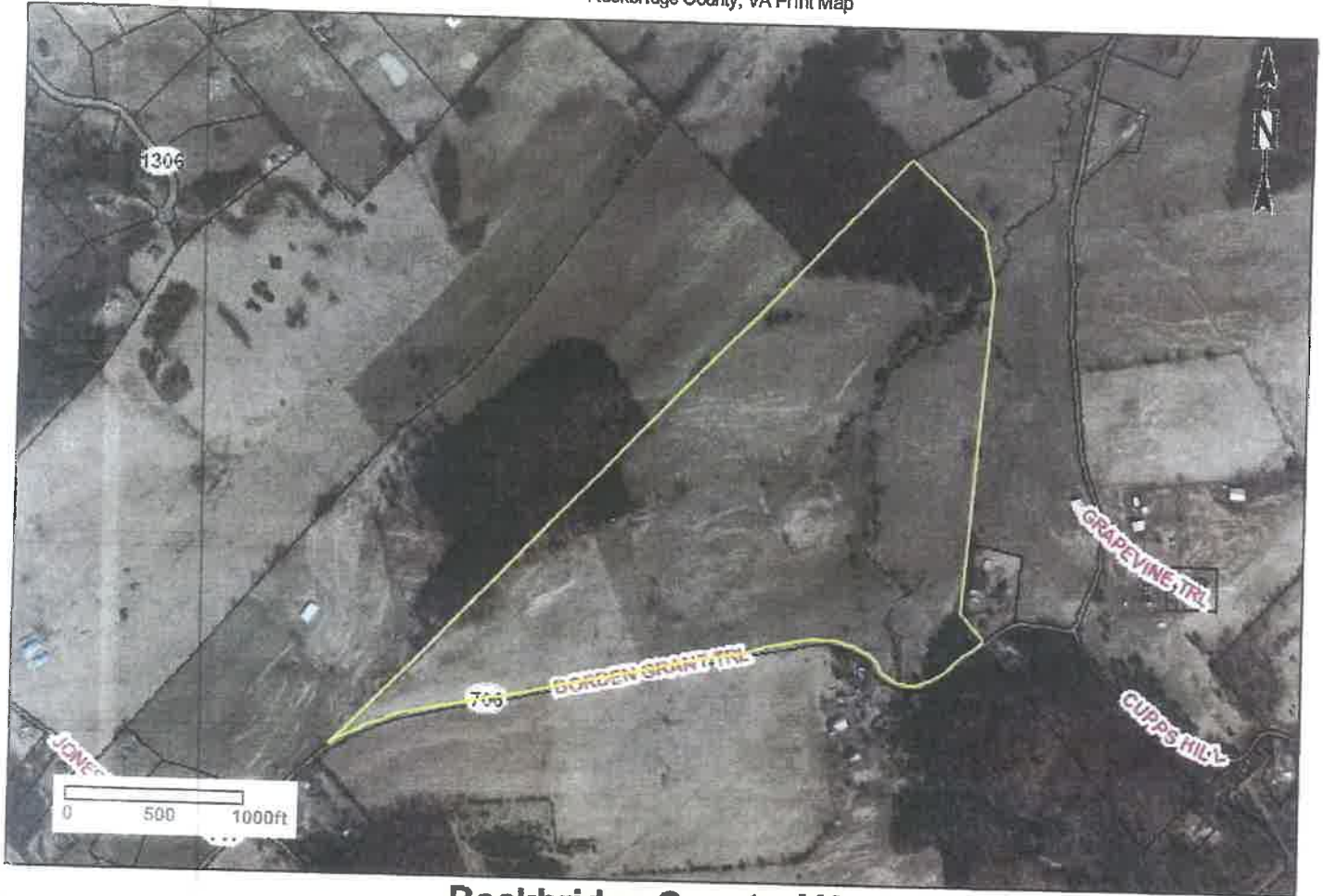
#### USDA Watersheds

**Watershed:** South River

**Stream:** Upper South River

<http://www.webgis.net> Anderson & Associates, Inc. <http://www.andassoc.com>

K-A K-B K-C K-D



## Rockbridge County, VA

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### CLEMMER Tax Map Parcels

**Parcel ID:** 40-A-12

**Owner:** KOOGLER-SOUTHERINGTON ASSOC II

**Address 2:** 31 HIGHLAND HILL LN SUITE 101

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**Land Value:** 955900

**Total Value:** 1165100

**Deed Book:** 0420

**Deed Page:** 125

**Will Page:** 0

**16 Digit ID:** 0400000A00000120

**Instrument Number:** 000000000

**MRECNO:** 3483

**Attributes at point:** N: 3849223, E: 11268388

#### Magisterial Districts

**District:** South River

**Precinct:** Fairfield

**Polling Place:** South River Fire Dept.

#### Zoning

**Zoning:** A-2

#### USDA Watersheds

**Watershed:** South River

**Stream:** Upper South River

<http://www.webgis.net> Anderson & Associates, Inc. <http://www.andassoc.com>

KP-1 KP-2

NW  
5/19

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 4/30/17 between Nellie V. Fitzgerald, referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
39-A-19			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Nellie V. Fitzgerald

Landowner - Printed Name, Title

 Signature

217 Twin Springs Road, Raphine, VA 24472

Mailing Address

**Permittee:**

Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Timothy J. Grove

Permittee - Authorized Representative  
Printed Name

 Signature

97 Railside Drive, Weyers Cave, VA 24486

Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Houff's Feed & Fertilizer

County or City: Rockbridge

Landowner: Nellie V. Fitzgerald

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
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  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
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Following biosolids application to pasture or hayland sites:

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  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date



old LOA

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 2/25/16 between Nellie V. Fitzgerald, referred to here as "Landowner", and Houff's Feed & Fertilizer, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Rockbridge County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
39-A-19			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
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<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Nellie V. Fitzgerald  
Landowner - Printed Name, Title

Nellie Fitzgerald  
Signature  
by J. Chamber POA

217 Twin Springs Road, Raphine, VA 24472  
Mailing Address

**Permittee:**

Houff's Feed & Fertilizer, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with [§10.1-104.2 of the Code of Virginia](#).

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Timothy J. Grove  
Permittee - Authorized Representative  
Printed Name

Timothy J. Grove  
Signature

97 Railside Drive, Weyers Cave, VA 24486  
Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Houff's Feed & Fertilizer

County or City: Rockbridge

Landowner: Nellie V. Fitzgerald

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

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I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

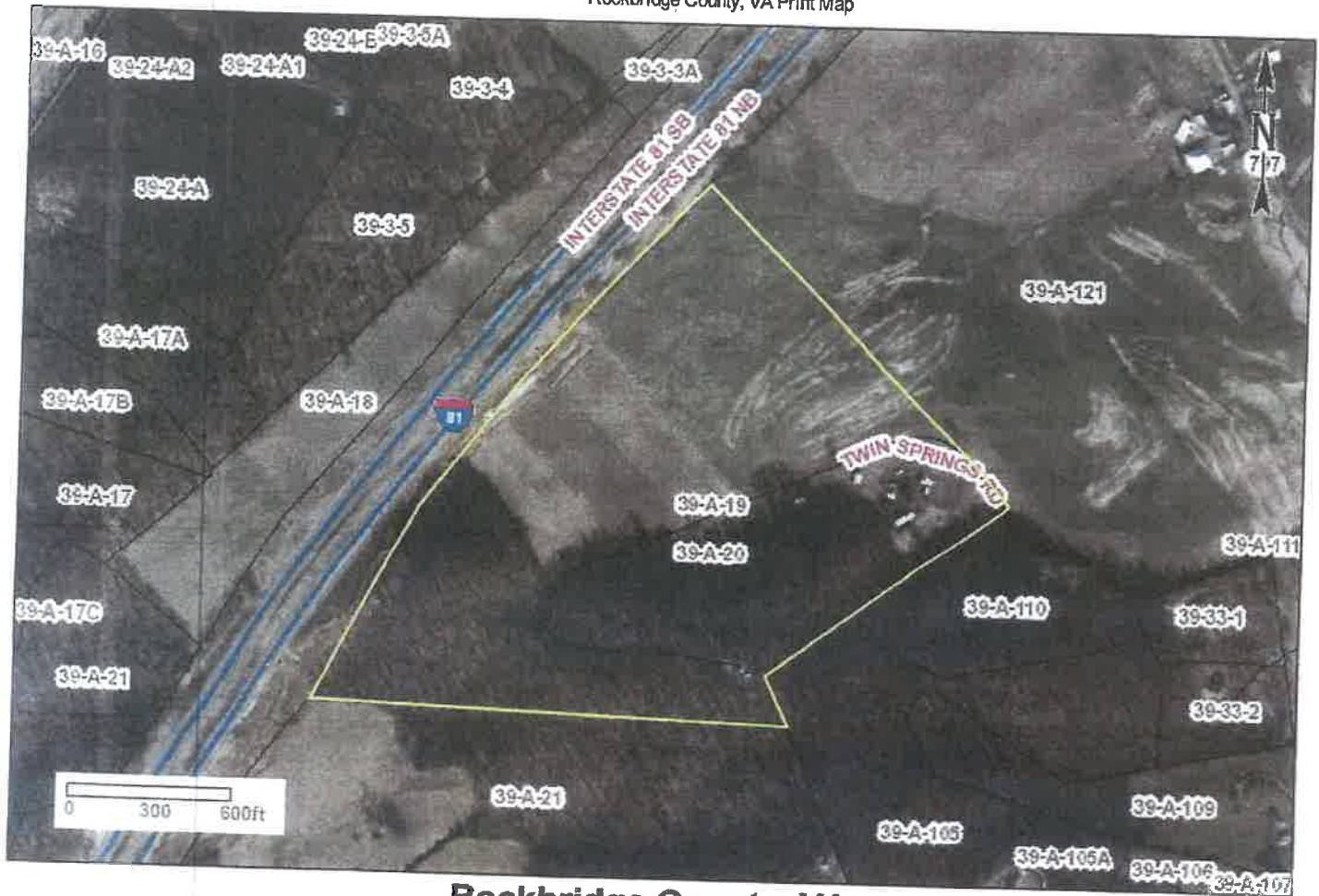
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  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Nellie Fitzgerald by V. Comm-PoA  
Landowner's Signature

2-25-16  
Date



## Rockbridge County, VA

**Disclaimer:** The information contained on this page is NOT to be construed or used as a survey or 'legal description'. Map information is believed to be accurate but accuracy is not guaranteed.

THEODORE DECEASED

### CLEMMER Tax Map Parcels

**Parcel ID:** 39-A-19

**Owner:** FITZGERALD THEODORE D & NELLIE V

**Address 2:** 217 TWIN SPRINGS RD

**City:** RAPHINE

**State:** VA

**Zip Code:** 24472

**Acres:** 20.47999954

**Description:** ADJ J M GREENE

**Occupancy:** 15

**Improvements:** 185000

**Land Value:** 178200

**Total Value:** 363200

**Deed Book:** 285

**Deed Page:** 494

**Will Page:** 0

**16 Digit ID:** 0390000A00000190

**Instrument Number:** 090000136

**MRECNO:** 3193

**Attributes at point:** N: 3851803, E: 11261401

#### Magisterial Districts

**District:** South River

**Precinct:** Fairfield

**Polling Place:** South River Fire Dept.

#### Zoning

**Zoning:** A-2

#### USDA Watersheds

**Watershed:** South River

**Stream:** Upper South River

<http://www.webgis.net> Anderson & Associates, Inc. <http://www.andassoc.com>

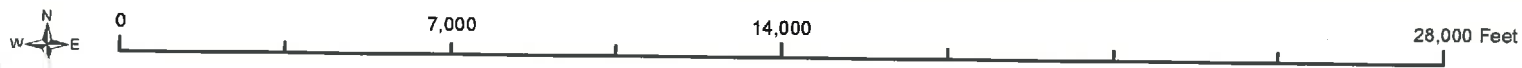
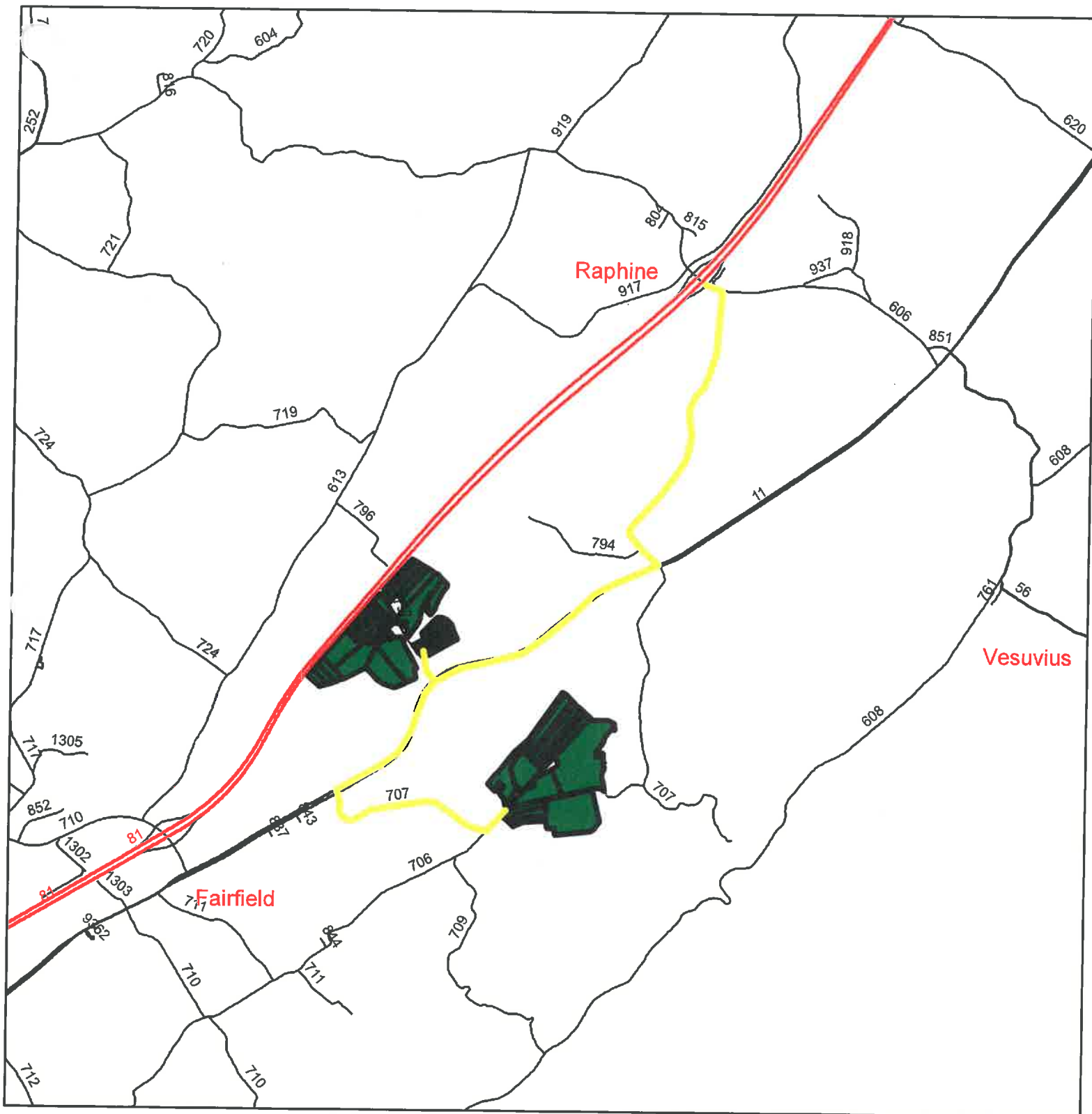
PARTIAL 18A, 18B  
19, 20, 21

Site: CLEMMER

Owner: Richard and Janet Clemmer, Samuel Koogler,  
Joseph Greene and Nellie Fitzgerald

Operator: Richard Clemmer

## General Location Map with Primary Haul Route



CLEMMER Haul Route

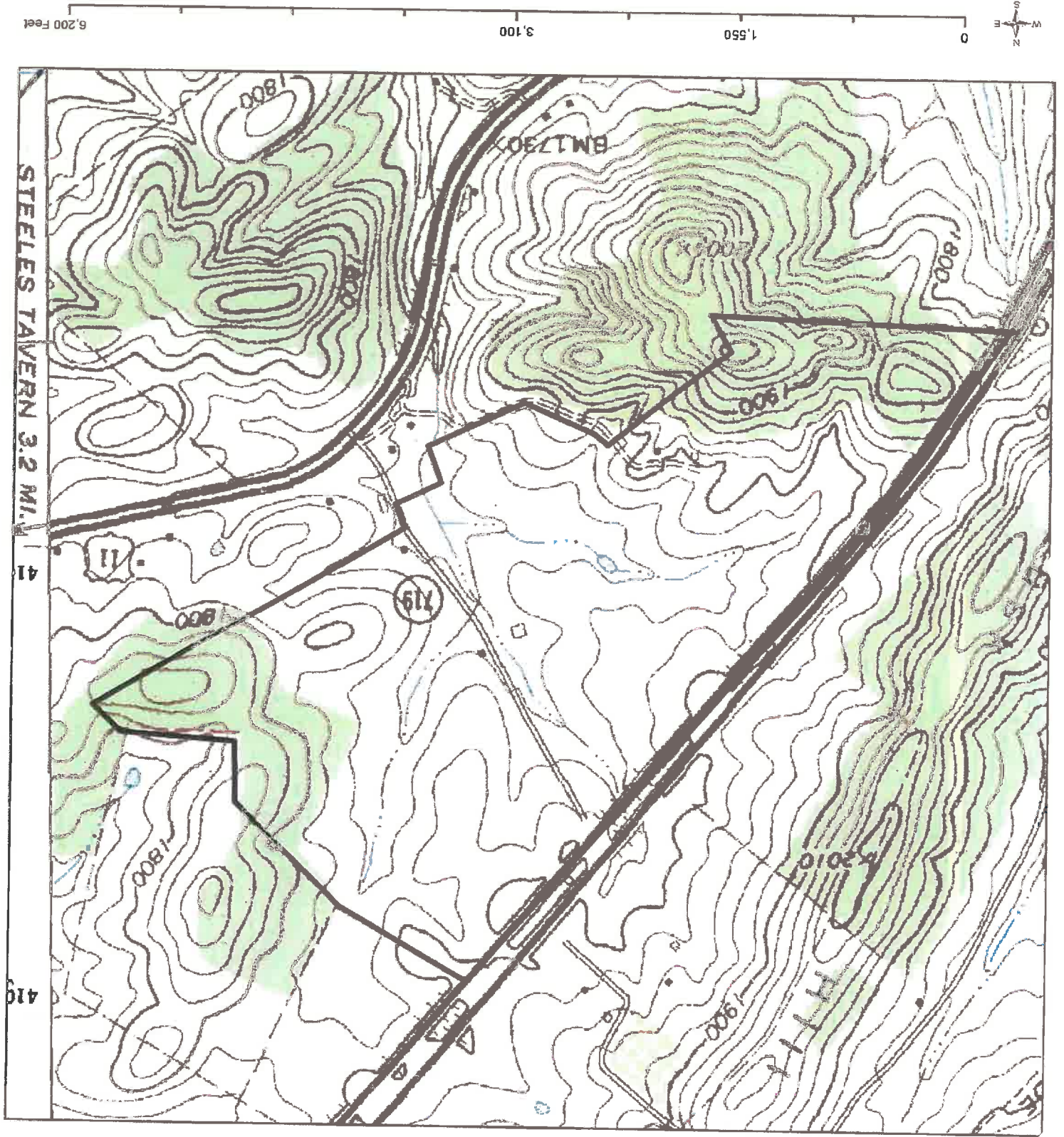
**Houff's**  
FEED &  
FERTILIZER

REV 4-25-17



# Topographic Map Fields 1-21

Site: CLEMMER  
 Owner: Richard and Janet Clemmer, Samuel Koogler,  
 Joseph Greene and Nellie Fitzgerald  
 Operator: Richard Clemmer



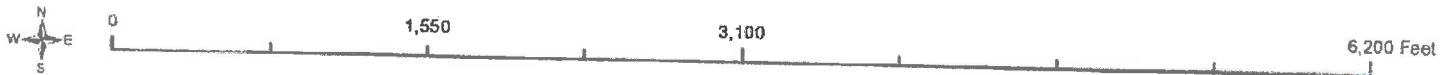
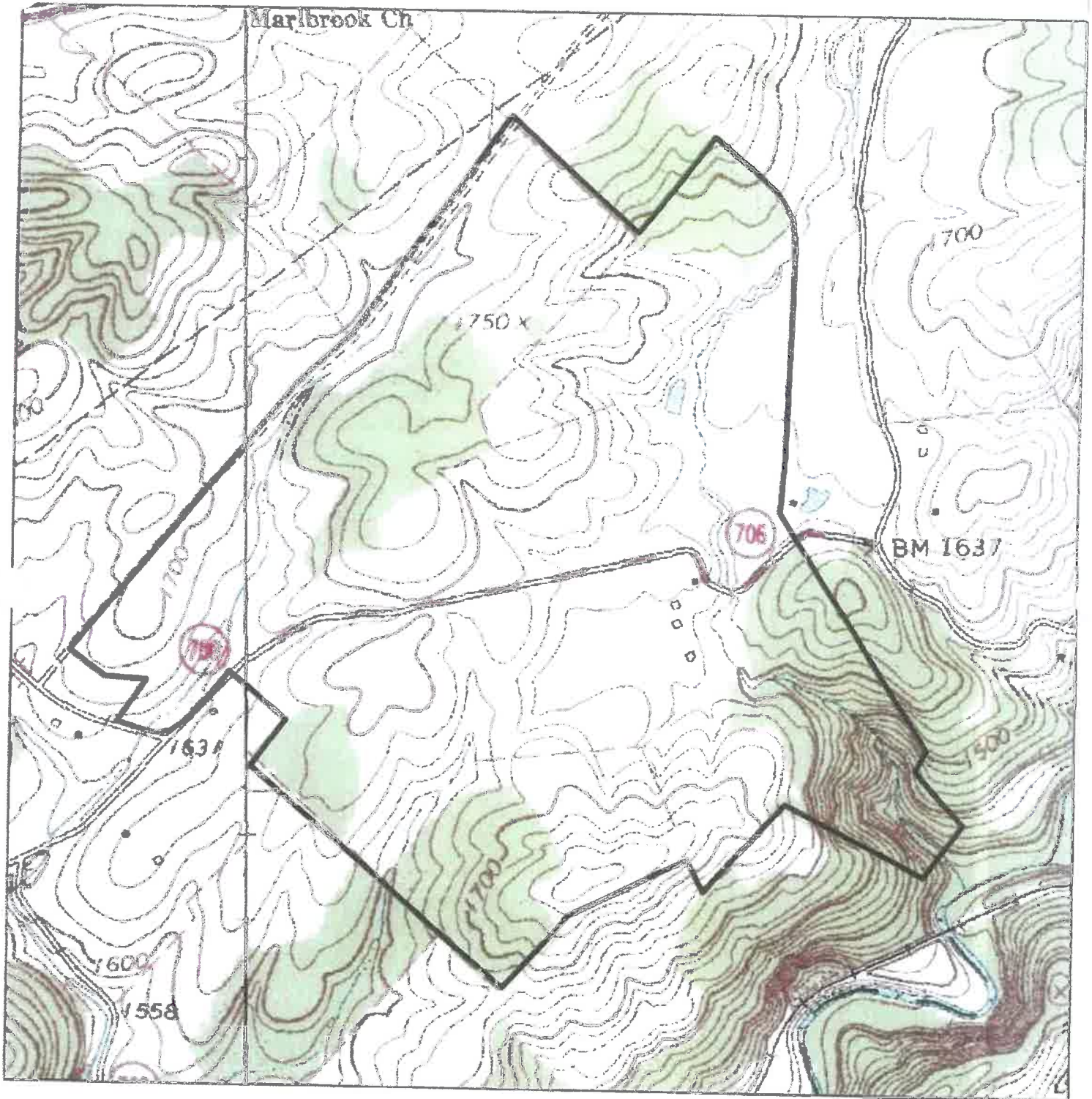


Site: CLEMMER

Owner: Richard and Janet Clemmer, Samuel Koogler,  
Joseph Greene and Nellie Fitzgerald

Operator: Richard Clemmer

# Topographic Map Fields 22-KP2





Site: CLEMMER

Owner: Richard and Janet Clemmer, Samuel Koogler,  
Joseph Greene and Nellie Fitzgerald

Operator: Richard Clemmer

## Soils Map Fields 1-21



Site: CLEMMER  
Owner: Richard and Janet Clemmer, Samuel Koogler,  
Joseph Greene and Nellie Fitzgerald  
Operator: Richard Clemmer

# Soils Map Fields 22 - KP-2








Operator: Richard Clemmer

**Sensitive Soils Map**  
**Fields 1-21**



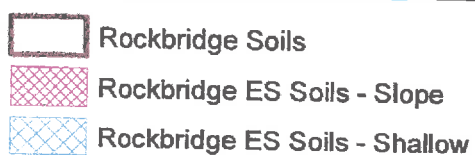
-  Rockbridge Soils
-  Rockbridge ES Soils - Slope
-  Rockbridge ES Soils - Shallow





Owner: Richard and Janet Clemmer, Samuel Koogler,  
Joseph Greene and Nellie Fitzgerald  
Operator: Richard Clemmer

Fields 22 - KP-2

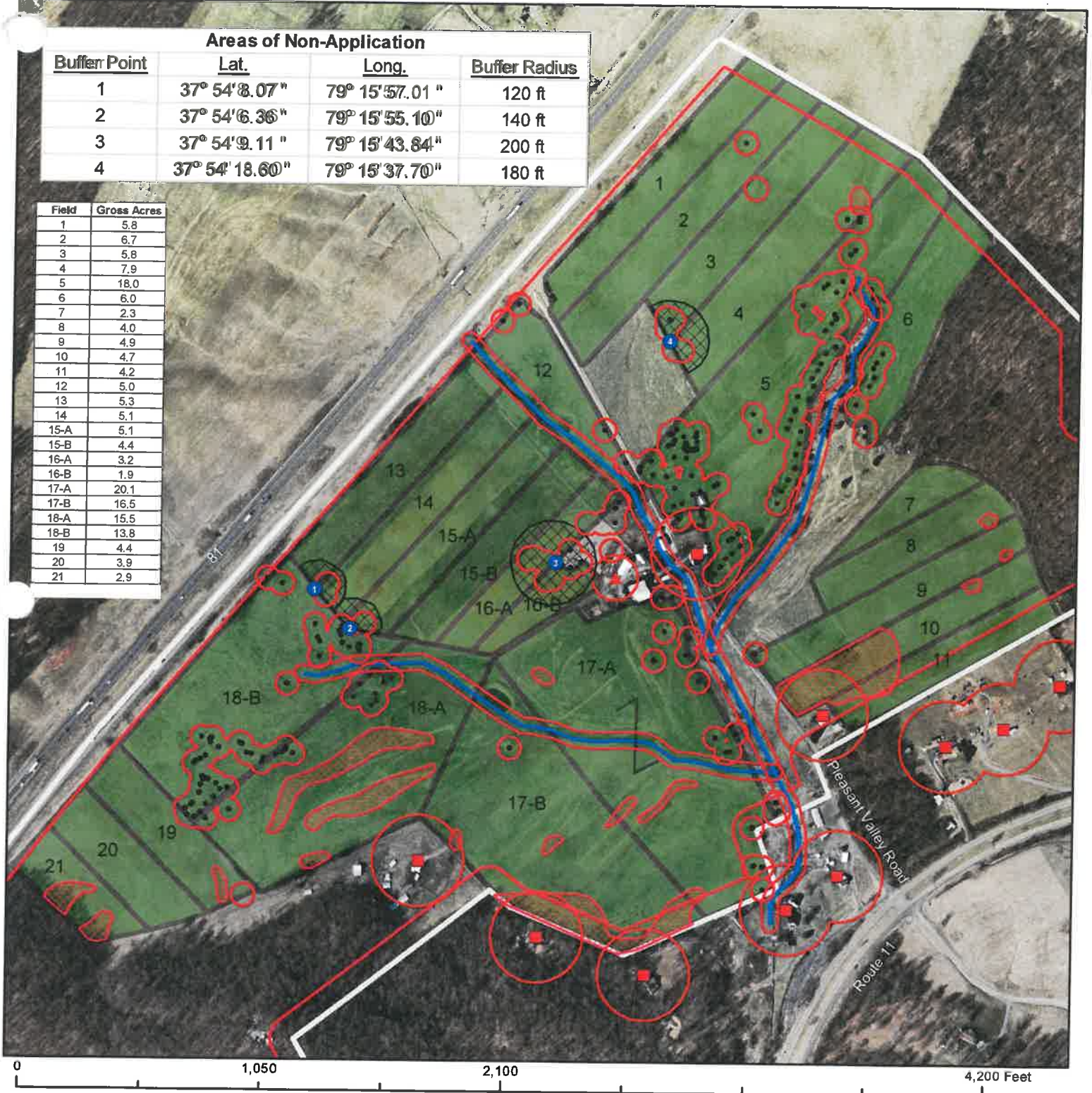


**Houff's**  
FEED & FERTILIZER



Site: CLEMMER  
 Owner: Richard and Janet Clemmer, Samuel Koogler,  
 Joseph Greene and Nellie Fitzgerald  
 Operator: Richard Clemmer

# Site Map Fields 1-21



Areas of Non-Application			
Buffer Point	Lat.	Long.	Buffer Radius
1	37° 54' 8.07"	79° 15' 57.01"	120 ft
2	37° 54' 6.36"	79° 15' 55.10"	140 ft
3	37° 54' 9.11"	79° 15' 43.84"	200 ft
4	37° 54' 18.60"	79° 15' 37.70"	180 ft

Field	Gross Acres
1	5.8
2	6.7
3	5.8
4	7.9
5	18.0
6	6.0
7	2.3
8	4.0
9	4.9
10	4.7
11	4.2
12	5.0
13	5.3
14	5.1
15-A	5.1
15-B	4.4
16-A	3.2
16-B	1.9
17-A	20.1
17-B	16.5
18-A	15.5
18-B	13.8
19	4.4
20	3.9
21	2.9

- No-App. areas with with buffer reference point
- CLEMMER Wells (100 ft buffer)
- CLEMMER Houses (200 ft buffer)
- CLEMMER Intermittent Streams (100 ft buffer, 35 ft vegetated)
- CLEMMER Streams (100 ft buffer, 35 ft vegetated)
- CLEMMER Steep Land
- CLEMMER Rocks (50 ft buffer)
- CLEMMER Property Lines (100 ft buffer)
- CLEMMER Fields

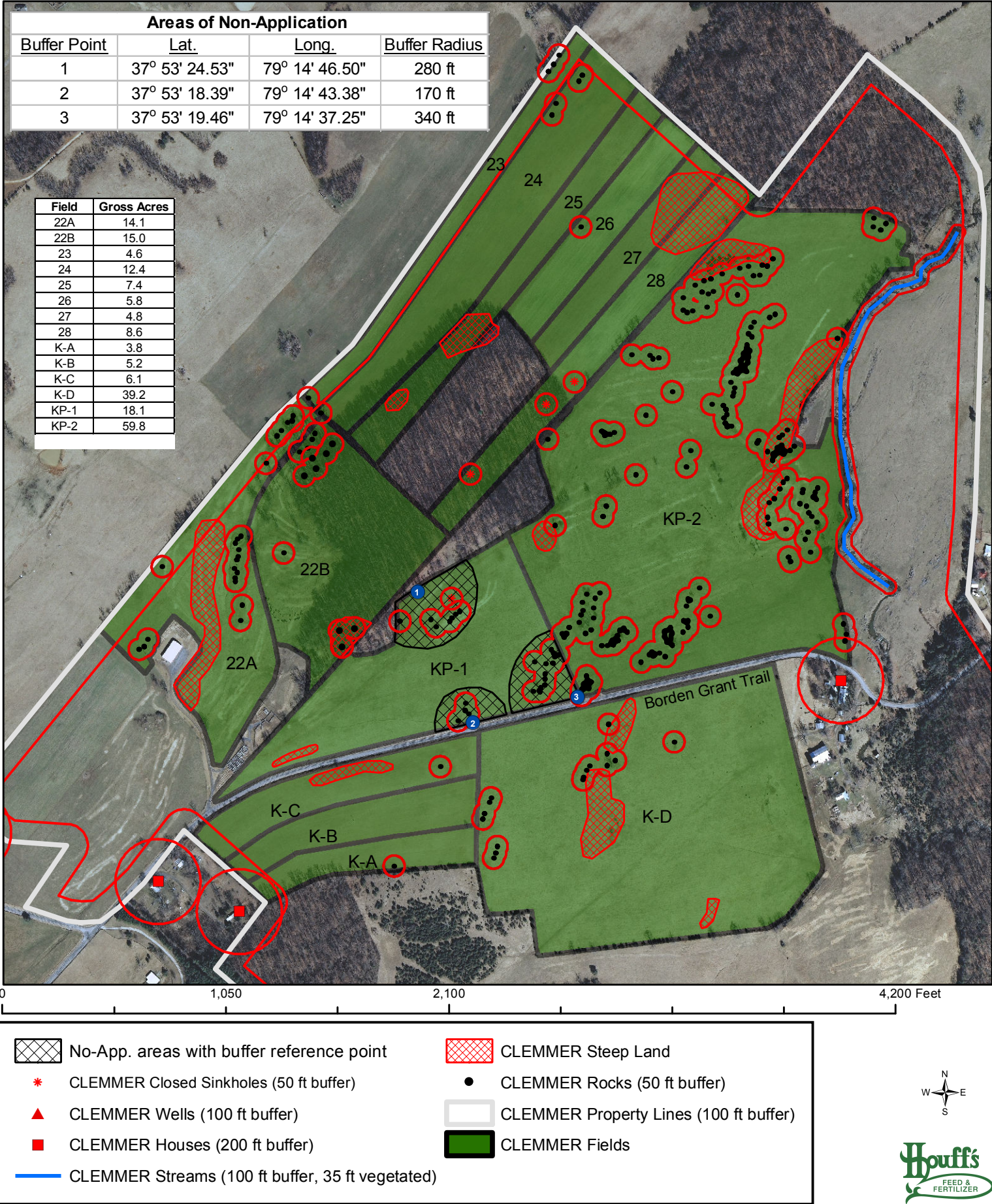


REV 4-25-17



Site: CLEMMER  
Owner: Richard and Janet Clemmer, Samuel Koogler,  
Joseph Greene and Nellie Fitzgerald  
Operator: Richard Clemmer

Site Map  
Fields 22 - KP-2





\*The Map Field ID is used for readability on maps, the Site Name and Number is used for reporting purposes.

Haul Route: The site maps in conjunction with the above longitude and latitude coordinates, and source location are route planning tools meant to be a guide to indicate suggested haul routes for various preferences; to include but not limited to all federal, state and local granted STAA access routes.